

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031622\
 Data File : BF127365.D
 Acq On : 16 Mar 2022 23:49
 Operator : CG\JU
 Sample : N1951-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DB-13-(20-25)-3-12-22

Quant Time: Mar 17 02:37:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 10 16:51:53 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

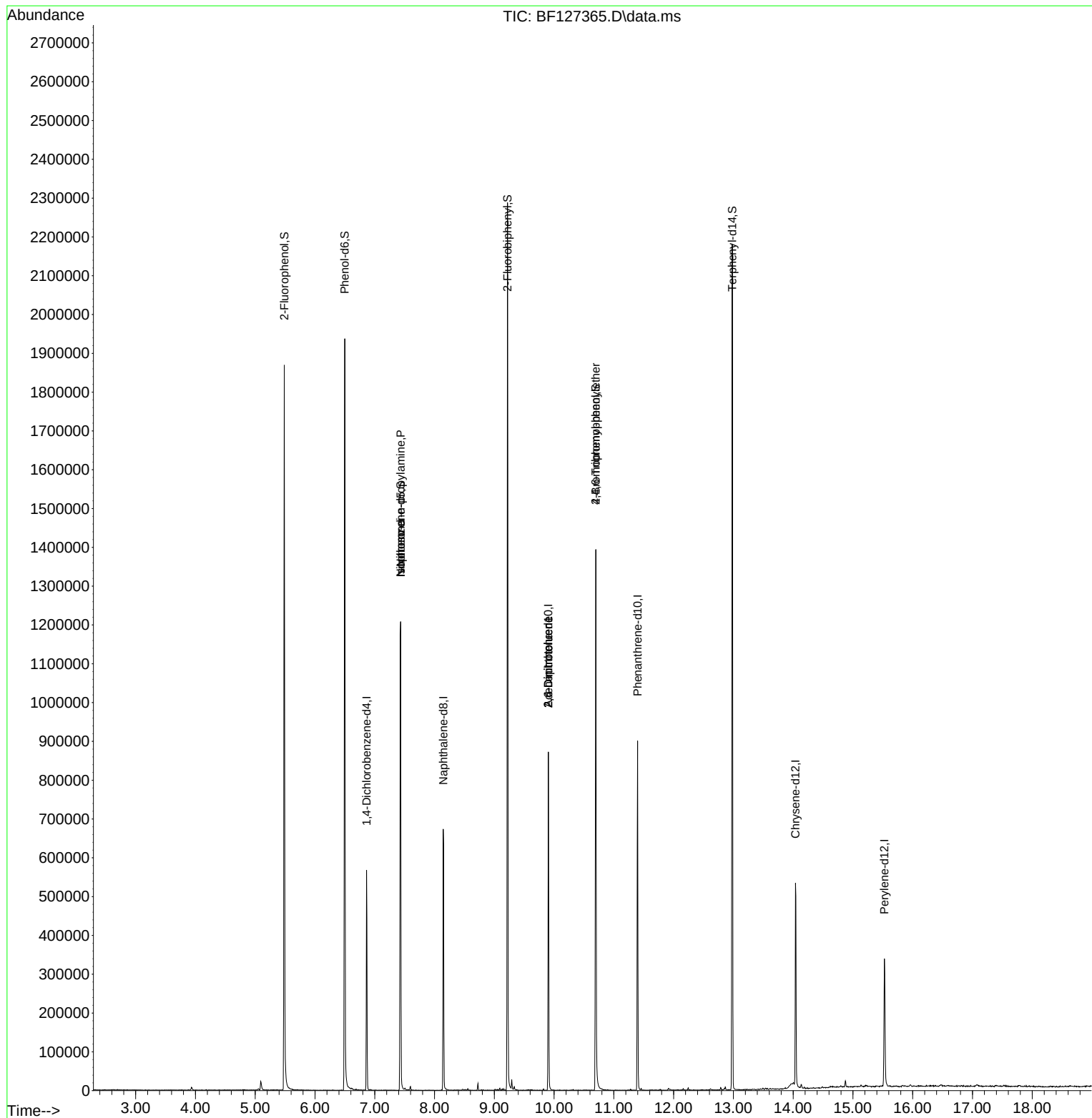
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	75358	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	281772	20.000	ng	#-0.01
39) Acenaphthene-d10	9.904	164	165209	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	297041	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	195712	20.000	ng	#-0.01
86) Perylene-d12	15.527	264	159695	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	423537	90.350	ng	0.00
7) Phenol-d6	6.498	99	573559	88.942	ng	0.00
23) Nitrobenzene-d5	7.433	82	390004	57.161	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	150259	84.488	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	671888	57.497	ng	-0.01
79) Terphenyl-d14	12.980	244	728638	64.108	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	6.498	77	1010	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.433	70	52814	13.124	ng	# 82
25) Isophorone	7.433	82	390004	35.549	ng	# 69
51) 2,6-Dinitrotoluene	9.904	165	20601	8.603	ng	# 21
57) 2,4-Dinitrotoluene	9.904	165	20601	6.539	ng	# 15
67) 4-Bromophenyl-phenylether	10.698	248	9998	2.792	ng	# 1

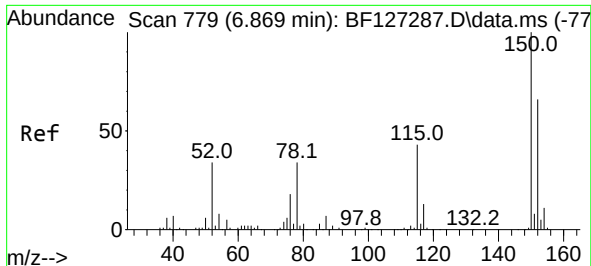
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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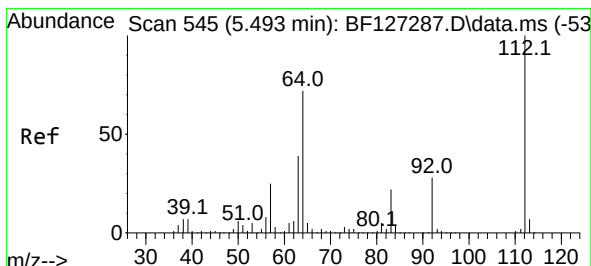
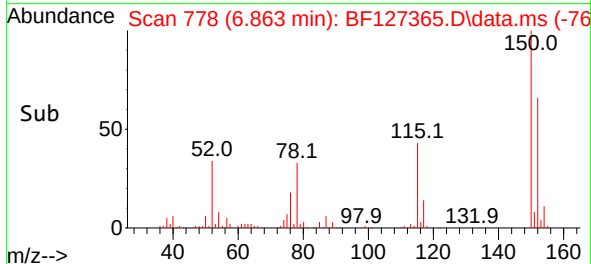
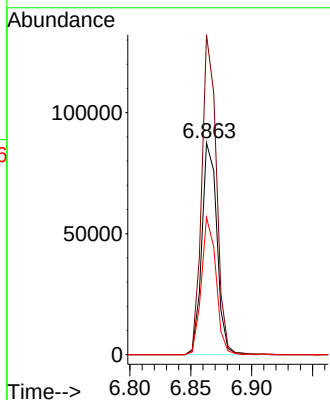
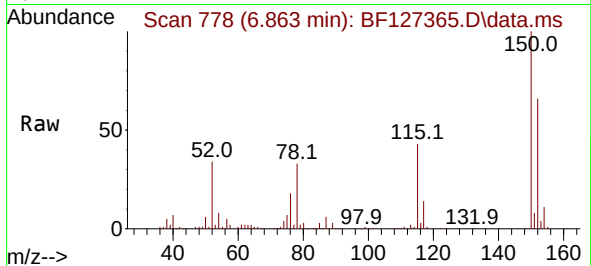




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127365.D
Acq: 16 Mar 2022 23:49

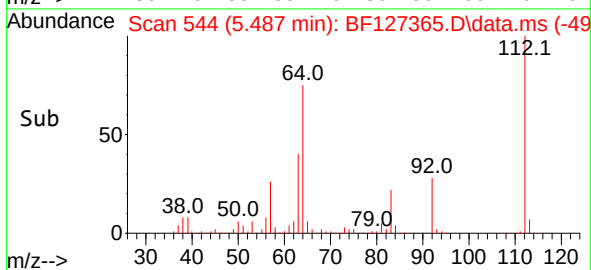
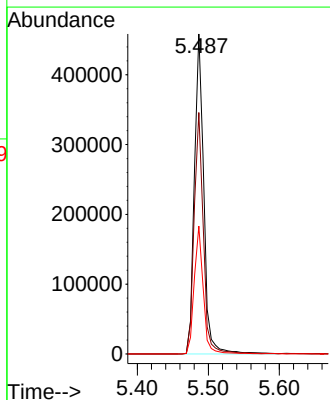
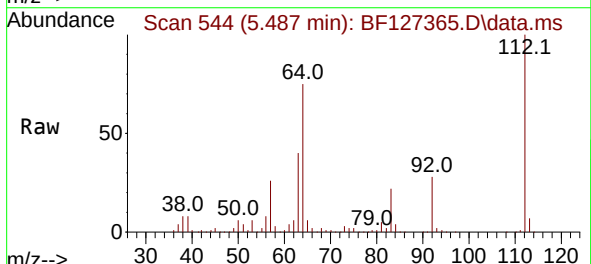
Instrument :
BNA_F
ClientSampleId :
DB-13-(20-25)-3-12-22

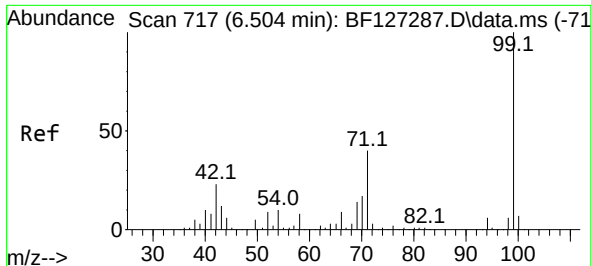
Tgt Ion:152 Resp: 75358
Ion Ratio Lower Upper
152 100
150 151.1 128.1 192.1
115 64.9 56.7 85.1



#5
2-Fluorophenol
Concen: 90.350 ng
RT: 5.487 min Scan# 544
Delta R.T. -0.006 min
Lab File: BF127365.D
Acq: 16 Mar 2022 23:49

Tgt Ion:112 Resp: 423537
Ion Ratio Lower Upper
112 100
64 75.5 49.5 74.3#
63 39.9 23.9 35.9#





#7

Phenol-d6

Concen: 88.942 ng

RT: 6.498 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF127365.D

Acq: 16 Mar 2022 23:49

Instrument :

BNA_F

ClientSampleId :

DB-13-(20-25)-3-12-22

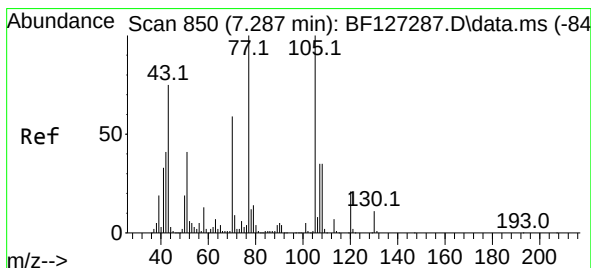
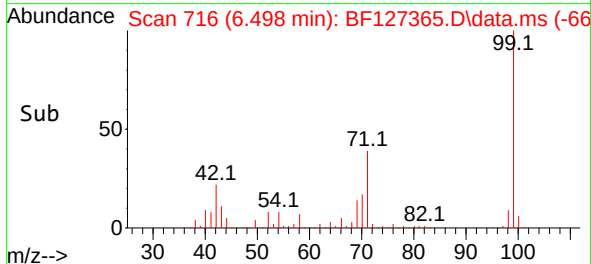
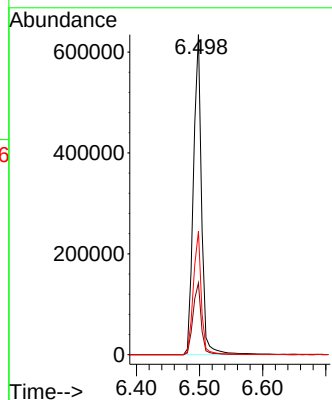
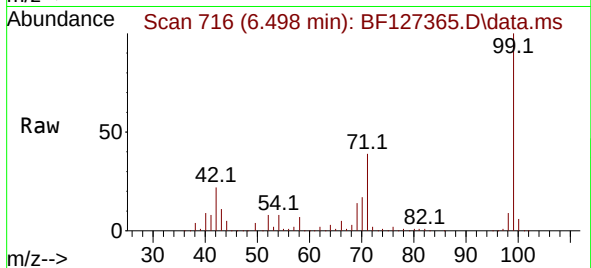
Tgt Ion: 99 Resp: 573559

Ion Ratio Lower Upper

99 100

42 22.4 14.2 21.4#

71 38.6 24.3 36.5#



#19

n-Nitroso-di-n-propylamine

Concen: 13.124 ng

RT: 7.433 min Scan# 875

Delta R.T. 0.147 min

Lab File: BF127365.D

Acq: 16 Mar 2022 23:49

Tgt Ion: 70 Resp: 52814

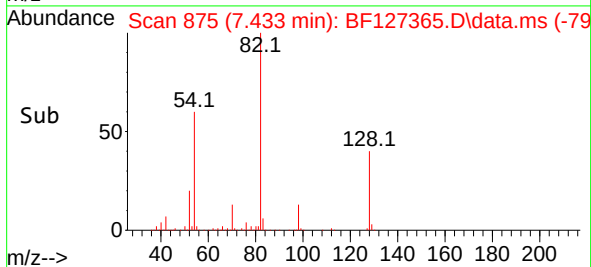
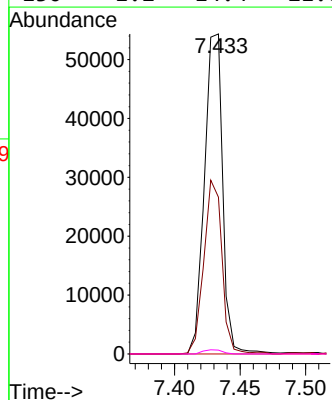
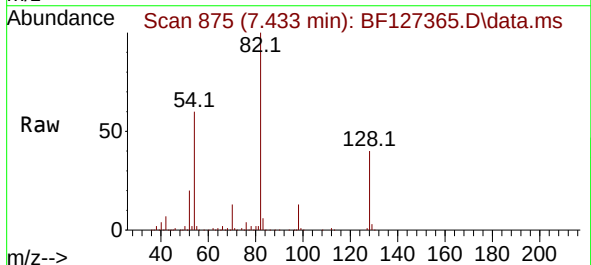
Ion Ratio Lower Upper

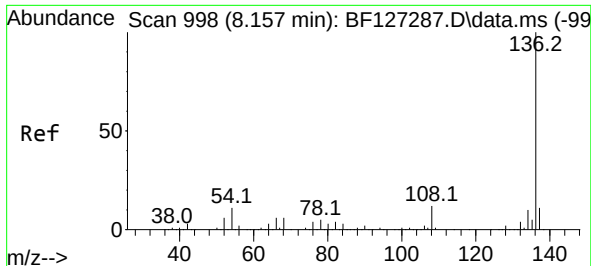
70 100

42 49.0 45.8 68.8

101 0.0 6.9 10.3#

130 1.2 14.4 21.6#

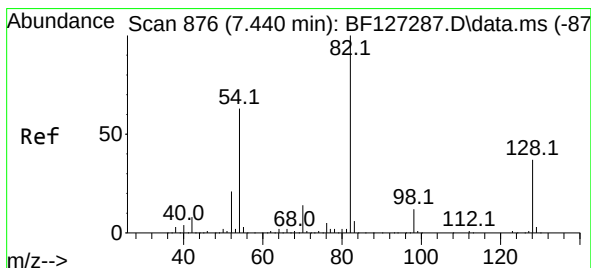
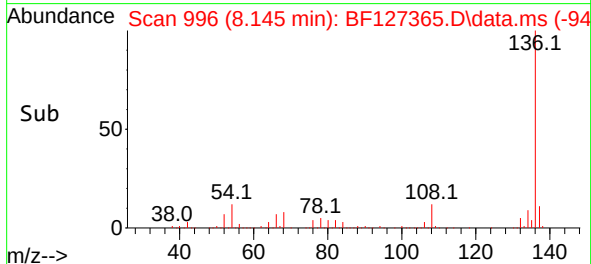
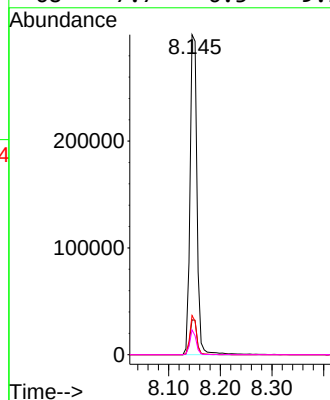
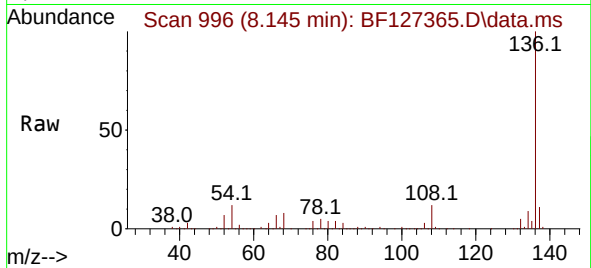




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 998
Delta R.T. -0.012 min
Lab File: BF127365.D
Acq: 16 Mar 2022 23:49

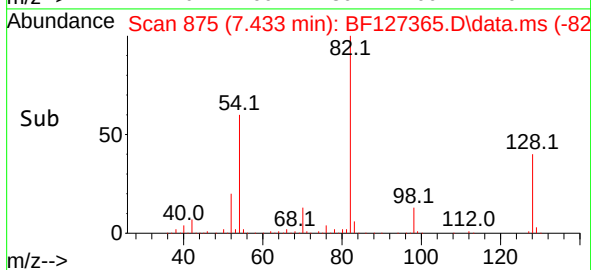
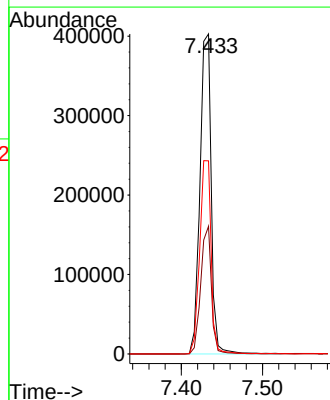
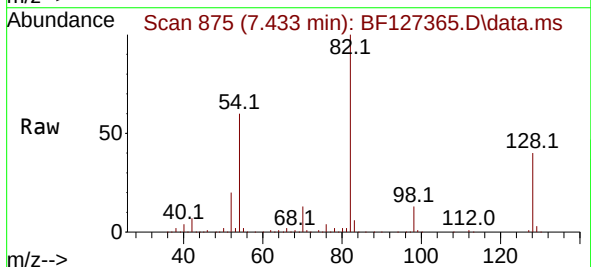
Instrument :
BNA_F
ClientSampleId :
DB-13-(20-25)-3-12-22

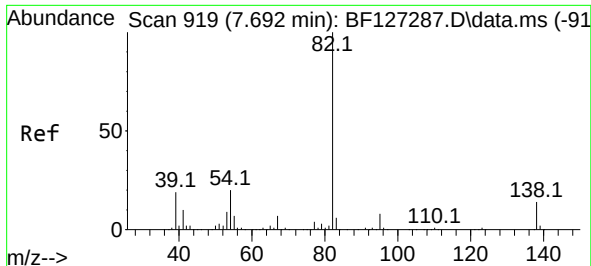
Tgt Ion:136 Resp: 281772
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 12.2 7.8 11.6#
68 7.7 6.3 9.5



#23
Nitrobenzene-d5
Concen: 57.161 ng
RT: 7.433 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF127365.D
Acq: 16 Mar 2022 23:49

Tgt Ion: 82 Resp: 390004
Ion Ratio Lower Upper
82 100
128 39.9 32.7 49.1
54 60.3 41.7 62.5

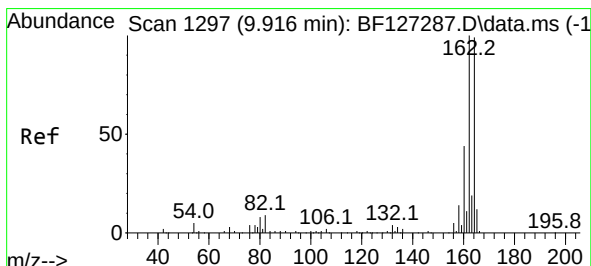
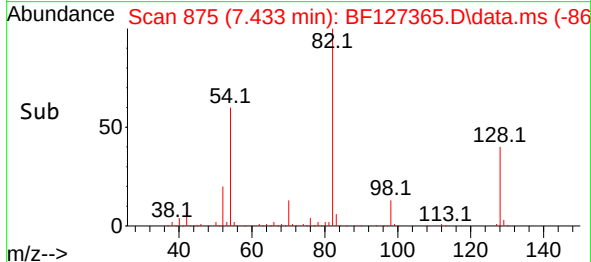
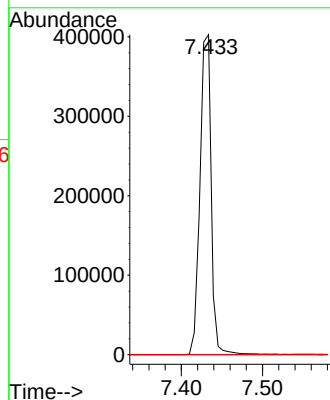
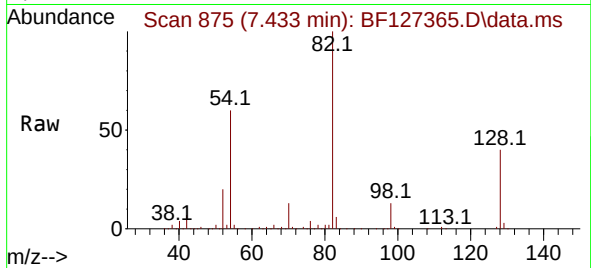




#25
Isophorone
Concen: 35.549 ng
RT: 7.433 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127365.D
Acq: 16 Mar 2022 23:49

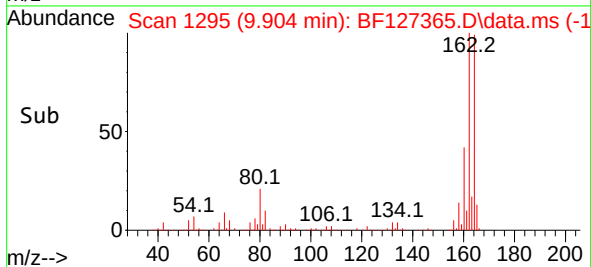
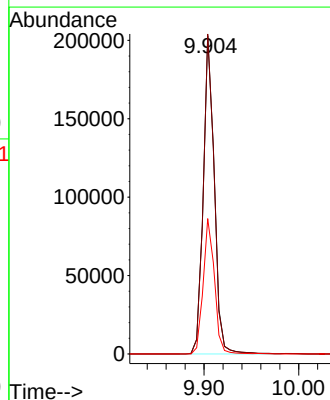
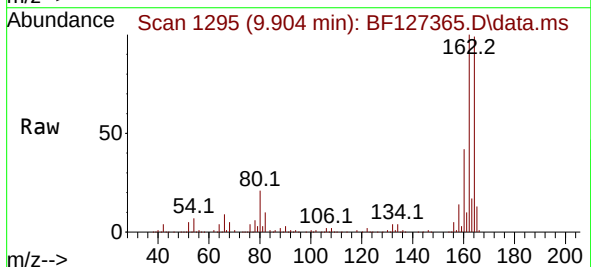
Instrument :
BNA_F
ClientSampleId :
DB-13-(20-25)-3-12-22

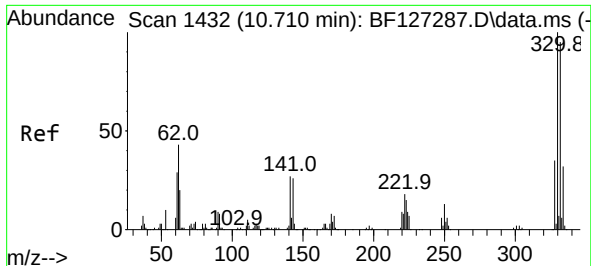
Tgt Ion: 82 Resp: 390004
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BF127365.D
Acq: 16 Mar 2022 23:49

Tgt Ion:164 Resp: 165209
Ion Ratio Lower Upper
164 100
162 100.6 81.4 122.0
160 42.5 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 84.488 ng

RT: 10.698 min Scan# 1432

Delta R.T. -0.012 min

Lab File: BF127365.D

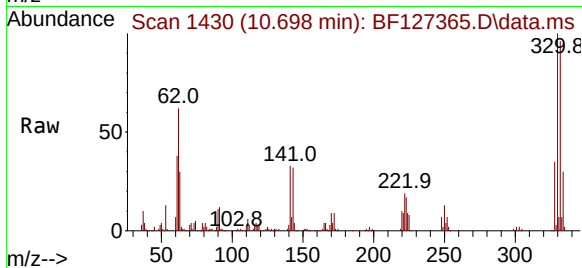
Acq: 16 Mar 2022 23:49

Instrument :

BNA_F

ClientSampleId :

DB-13-(20-25)-3-12-22



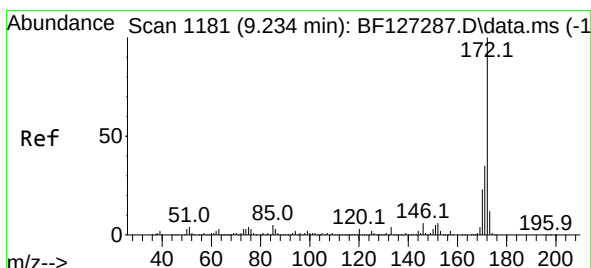
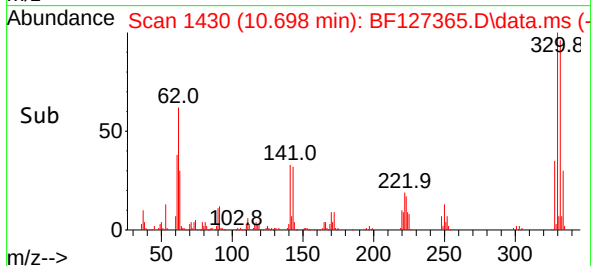
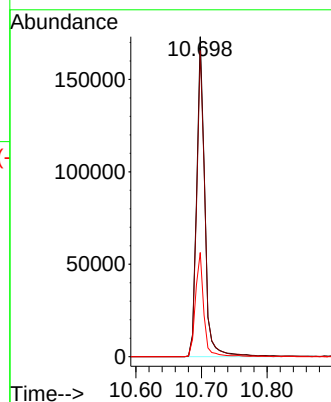
Tgt Ion:330 Resp: 150259

Ion Ratio Lower Upper

330 100

332 96.1 76.0 114.0

141 33.4 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 57.497 ng

RT: 9.222 min Scan# 1179

Delta R.T. -0.012 min

Lab File: BF127365.D

Acq: 16 Mar 2022 23:49

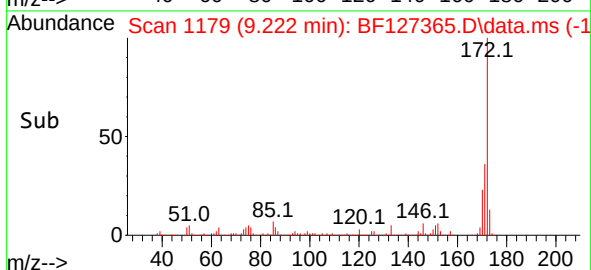
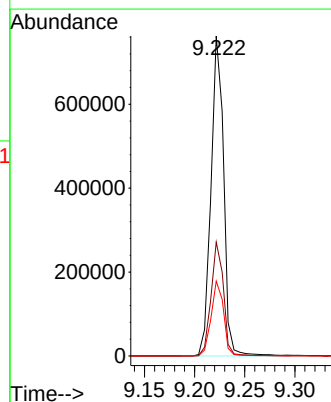
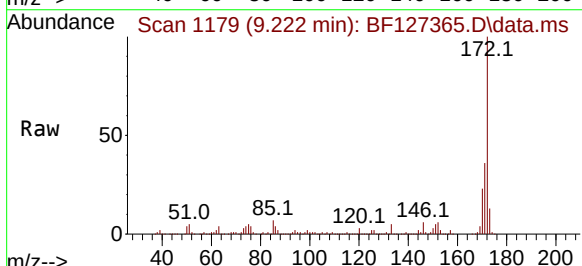
Tgt Ion:172 Resp: 671888

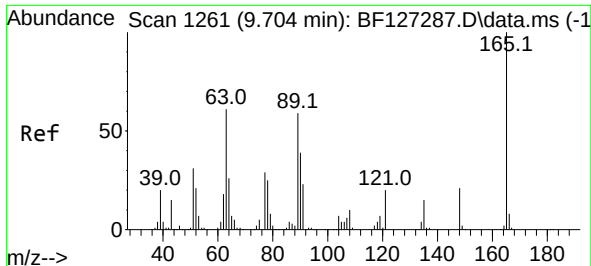
Ion Ratio Lower Upper

172 100

171 35.6 28.3 42.5

170 23.4 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 8.603 ng

RT: 9.904 min Scan# 1295

Delta R.T. 0.200 min

Lab File: BF127365.D

Acq: 16 Mar 2022 23:49

Instrument :

BNA_F

ClientSampleId :

DB-13-(20-25)-3-12-22

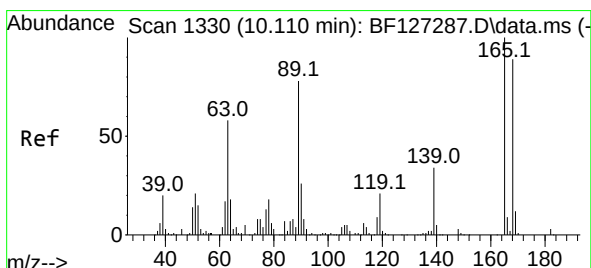
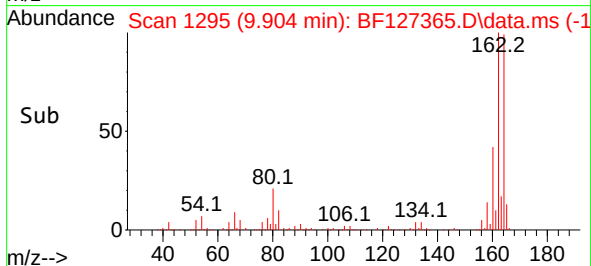
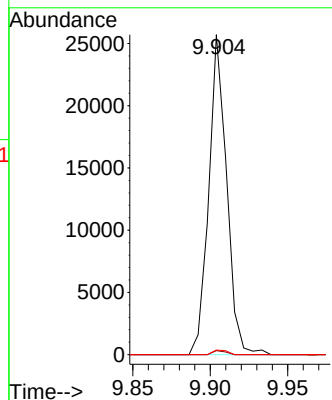
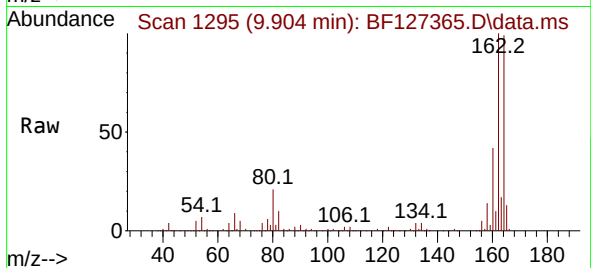
Tgt Ion:165 Resp: 20601

Ion Ratio Lower Upper

165 100

63 1.3 48.4 72.6#

89 1.5 50.5 75.7#



#57

2,4-Dinitrotoluene

Concen: 6.539 ng

RT: 9.904 min Scan# 1295

Delta R.T. -0.206 min

Lab File: BF127365.D

Acq: 16 Mar 2022 23:49

Tgt Ion:165 Resp: 20601

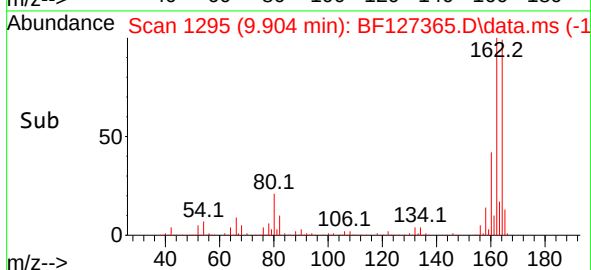
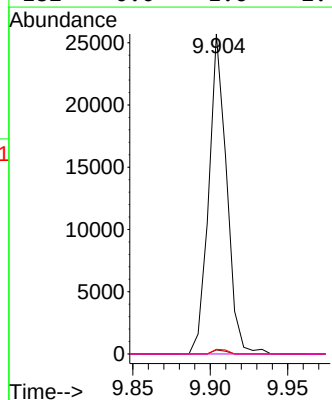
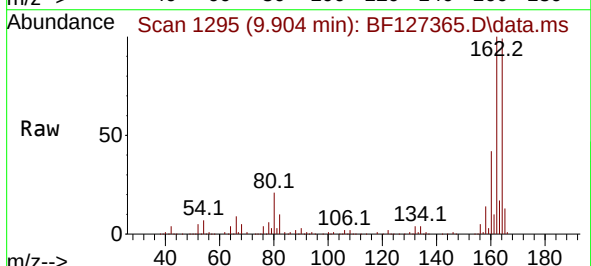
Ion Ratio Lower Upper

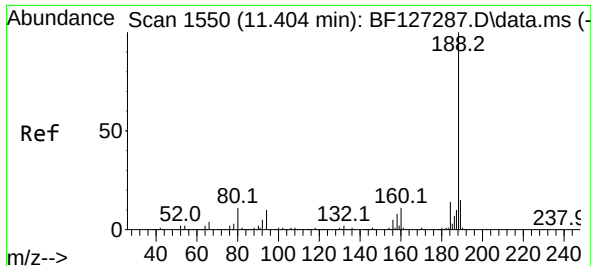
165 100

63 1.3 43.0 64.6#

89 1.5 71.0 106.4#

182 0.0 1.6 2.4#

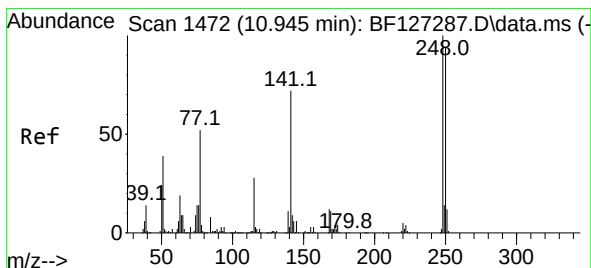
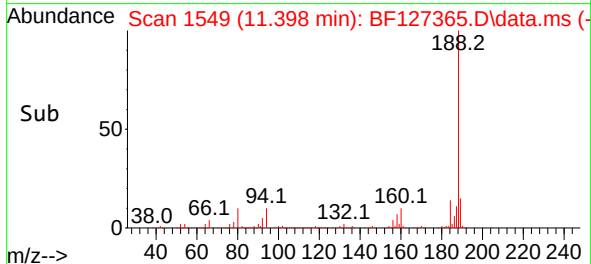
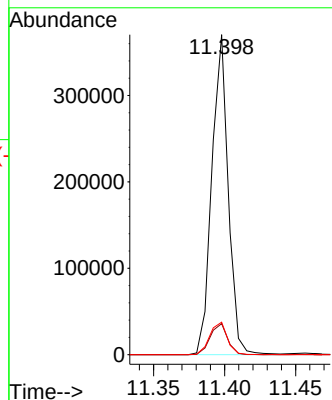
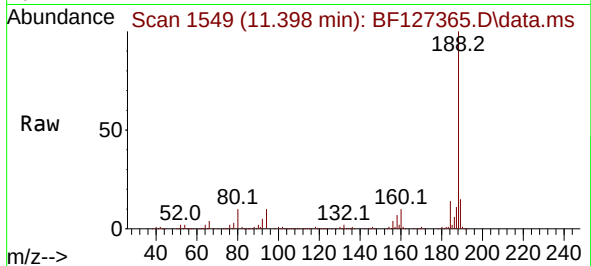




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127365.D
Acq: 16 Mar 2022 23:49

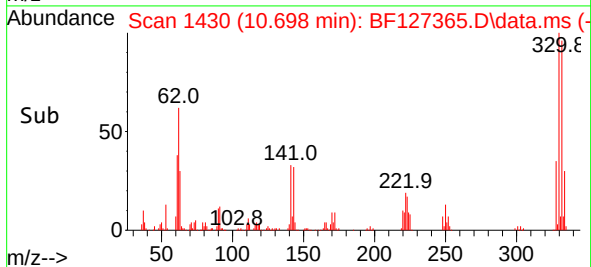
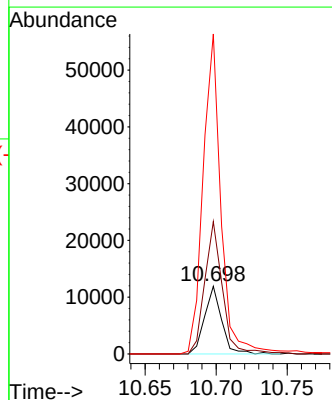
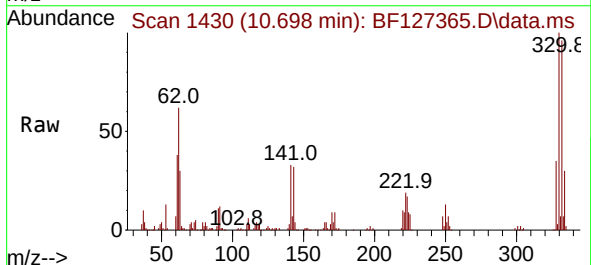
Instrument :
BNA_F
ClientSampleId :
DB-13-(20-25)-3-12-22

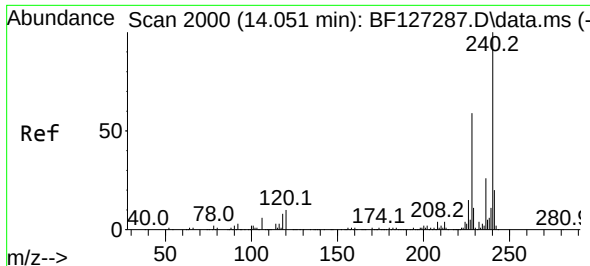
Tgt Ion:188 Resp: 297041
Ion Ratio Lower Upper
188 100
94 9.7 10.1 15.1#
80 10.2 11.8 17.6#



#67
4-Bromophenyl-phenylether
Concen: 2.792 ng
RT: 10.698 min Scan# 1430
Delta R.T. -0.247 min
Lab File: BF127365.D
Acq: 16 Mar 2022 23:49

Tgt Ion:248 Resp: 9998
Ion Ratio Lower Upper
248 100
250 195.6 76.2 114.4#
141 473.2 66.2 99.4#

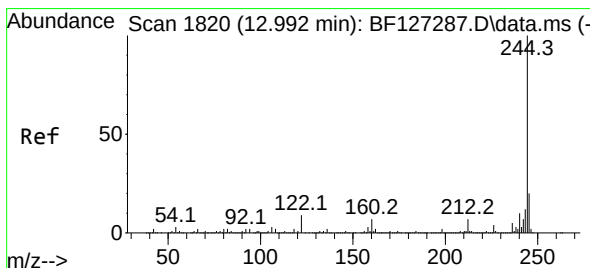
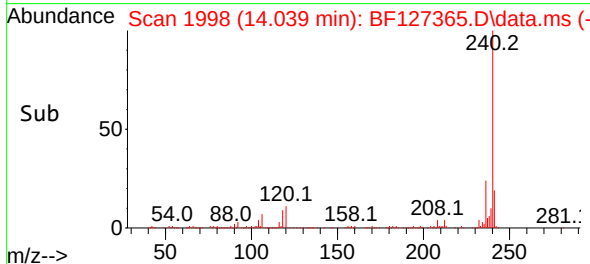
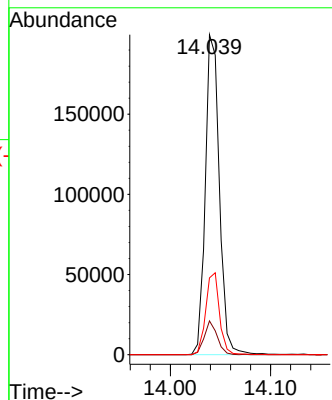
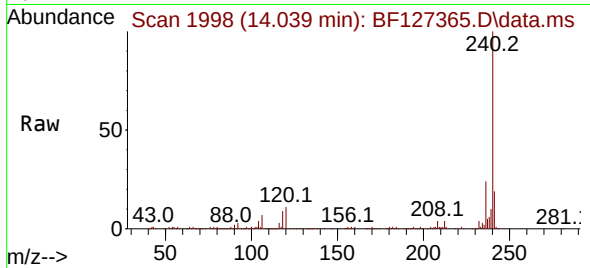




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.012 min
Lab File: BF127365.D
Acq: 16 Mar 2022 23:49

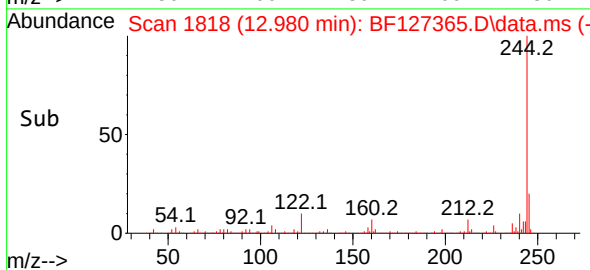
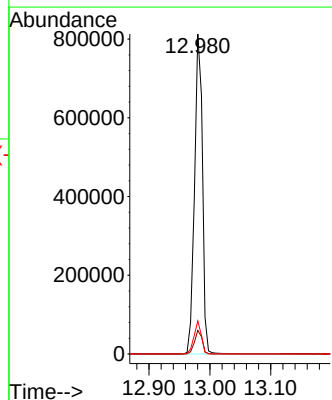
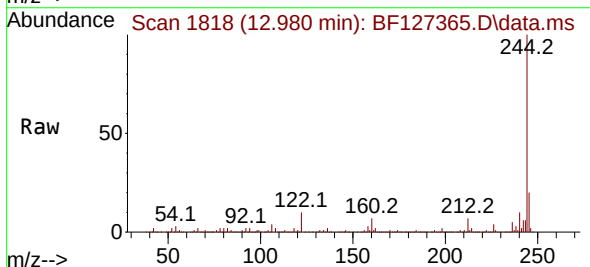
Instrument :
BNA_F
ClientSampleId :
DB-13-(20-25)-3-12-22

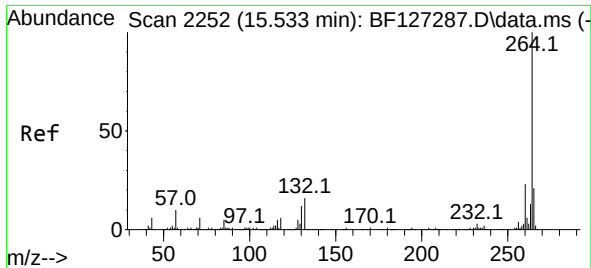
Tgt Ion:240 Resp: 195712
Ion Ratio Lower Upper
240 100
120 10.6 14.4 21.6#
236 24.0 20.5 30.7



#79
Terphenyl-d14
Concen: 64.108 ng
RT: 12.980 min Scan# 1818
Delta R.T. -0.012 min
Lab File: BF127365.D
Acq: 16 Mar 2022 23:49

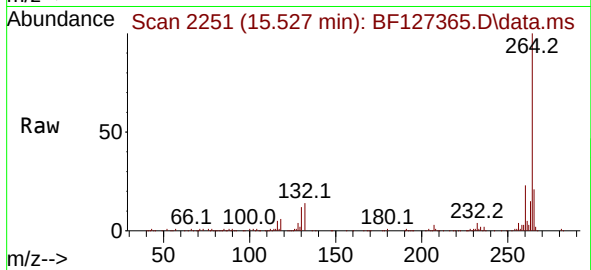
Tgt Ion:244 Resp: 728638
Ion Ratio Lower Upper
244 100
212 7.4 5.0 7.4
122 10.3 13.3 19.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF127365.D
Acq: 16 Mar 2022 23:49

Instrument :
BNA_F
ClientSampleId :
DB-13-(20-25)-3-12-22



Tgt Ion:264 Resp: 159695
Ion Ratio Lower Upper
264 100
260 23.3 19.2 28.8
265 21.0 17.4 26.2

